

PATENT COOPERATION TREATY

PCT

NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

United States Patent and Trademark
Office
(Box PCT)
Crystal Plaza 2
Washington, DC 20231
ÉTATS-UNIS D'AMÉRIQUE

in its capacity as elected Office

Date of mailing (day/month/year) 03 May 1999 (03.05.99)	
International application No. PCT/GB98/02812	Applicant's or agent's file reference PRW/P54287WO
International filing date (day/month/year) 16 September 1998 (16.09.98)	Priority date (day/month/year) 24 September 1997 (24.09.97)
Applicant REYNOLDS, Donald, Arthur	

1. The designated Office is hereby notified of its election made:

☒ in the demand filed with the International Preliminary Examining Authority on:

25 March 1999 (25.03.99)

☐ in a notice effecting later election filed with the International Bureau on:
2. The election ☒ was
☐ was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No.: (41-22) 740.14.35	Authorized officer Lazar Joseph Panakal Telephone No.: (41-22) 338.83.38
---	--

PATENT COOPERATION TREATY

PCT

From the INTERNATIONAL BUREAU

NOTIFICATION RELATING TO PRIORITY CLAIM

(PCT Rules 26bis.1 and 26bis.2 and
Administrative Instructions, Sections 402 and 409)

To:

WHARTON, Peter, Robert
Urquhart-Dykes & Lord
Inventions House
Valley Court
Canal Road
Bradford BD1 4SP
ROYAUME-UNI

Date of mailing (day/month/year) 25 November 1998 (25.11.98)	
Applicant's or agent's file reference PRW/P54287WO	IMPORTANT NOTIFICATION
International application No. PCT/GB98/02812	International filing date (day/month/year) 16 September 1998 (16.09.98)
Applicant S D INVESTMENTS LIMITED et al	

The applicant is hereby notified of the following in respect of the priority claim(s) made in the international application.

1. ☒ **Correction of priority claim.** In accordance with the applicant's notice received on: 09 November 1998 (09.11.98), the following priority claim has been corrected to read as follows:
GB 24 September 1997 (24.09.97) 9720163.6
☐ even though the indication of the number of the earlier application is missing.
☐ even though the following indication in the priority claim is not the same as the corresponding indication appearing in the priority document:
2. ☐ **Addition of priority claim.** In accordance with the applicant's notice received on: , the following priority claim has been added:
☐ even though the indication of the number of the earlier application is missing.
☐ even though the following indication in the priority claim is not the same as the corresponding indication appearing in the priority document:
3. ☐ As a result of the correction and/or addition of (a) priority claim(s) under items 1 and/or 2, the (earliest) priority date is:
4. ☐ **Priority claim considered not to have been made.**
☐ The applicant failed to respond to the invitation under Rule 26bis.2(a) (Form PCT/IB/316) within the prescribed time limit.
☐ The applicant's notice was received after the expiration of the prescribed time limit under Rule 26bis.1(a).
☐ The applicant's notice failed to correct the priority claim so as to comply with the requirements of Rule 4.10.
The applicant may, before the technical preparations for international publication have been completed and subject to the payment of a fee, request the International Bureau to publish, together with the international application, information concerning the priority claim. See Rule 26bis.2(c) and the PCT Applicant's Guide, Volume I, Annex B2(II).
5. ☐ In case where multiple priorities have been claimed, the above item(s) relate to the following priority claim(s):
6. A copy of this notification has been sent to the receiving Office and
☒ to the International Searching Authority (where the international search report has not yet been issued).
☒ the designated Offices (which have already been notified of the receipt of the record copy).

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No. (41-22) 740.14.35	Authorized officer I. Britel Telephone No. (41-22) 338.83.38
--	--

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PRW/P54287W0	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/GB 98/ 02812	International filing date (day/month/year) 16/09/1998	(Earliest) Priority Date (day/month/year) 24/09/1997
Applicant S D INVESTMENTS LIMITED et al.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. ☐ Certain claims were found unsearchable (see Box I).

2. ☐ Unity of invention is lacking (see Box II).

3. ☐ The international application contains disclosure of a **nucleotide and/or amino acid sequence listing** and the international search was carried out on the basis of the sequence listing

☐ filed with the international application.

☐ furnished by the applicant separately from the international application,

☐ but not accompanied by a statement to the effect that it did not include matter going beyond the disclosure in the international application as filed.

☐ Transcribed by this Authority

4. With regard to the **title**, ☒ the text is approved as submitted by the applicant

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☐ the text is approved as submitted by the applicant

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this International Search Report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is:

Figure No. 4 ☒ as suggested by the applicant.

☐ None of the figures.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/GB 98/02812

Box III TEXT OF THE ABSTRACT (Continuation of item 5 of the first sheet)

Line 1 , add "(32)" after "joint", and "(10)" after "extrusions" ,
Line 2 , add "(10)" after "extrusions" ,
Line 4 , add "(10)" after "extrusion" ,
Line 6 , add "(10)" after "extrusions" , and "(32)" after "joint" ,
Line 7 , add "(24)" after "surface" .

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 98/02812

A. CLASSIFICATION OF SUBJECT MATTER

IPC 6 E06B3/62 E06B3/96 B29C45/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 E06B B29C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 069 849 A (WAIN PETER L) 3 December 1991	1,4,5,8
Y	see column 5, line 32 - column 8, line 19; figures	6
X	DE 88 09 113 U (STEINS) 3 November 1988 see the whole document	1,4,5,8
Y	FR 2 259 972 A (SAINT GOBAIN) 29 August 1975	6
A	see page 1, line 23 - line 37 see page 2, line 2 - line 8 see page 2, line 21 - line 25 see page 3, line 29 - page 4, line 27 see figures	1,4,5,8
	--- -/--	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

° Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

22 December 1998

Date of mailing of the international search report

13/01/1999

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Depoorter, F

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 98/02812

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 2 124 141 A (CONTINENTAL GUMMI WERKE AG) 15 February 1984 see the whole document ---	1-4, 8
A	US 5 256 361 A (KEYS JAMES F) 26 October 1993 -----	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB 98/02812

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5069849	A	03-12-1991	NONE	
DE 8809113	U	03-11-1988	NONE	
FR 2259972	A	29-08-1975	DE 2404839 A	07-08-1975
			BE 825082 A	31-07-1975
			BR 7500639 A	11-11-1975
			CH 582820 A	15-12-1976
			DK 34975 A	06-10-1975
			FI 750238 A	02-08-1975
			NL 7500558 A	05-08-1975
			SE 7500971 A	04-08-1975
GB 2124141	A	15-02-1984	DE 3221594 A	08-12-1983
			FR 2527974 A	09-12-1983
US 5256361	A	26-10-1993	BR 9301838 A	30-11-1993
			CA 2094564 A	23-11-1993
			EP 0576137 A	29-12-1993
			JP 6032910 A	08-02-1994

PATENT COOPERATION TREATY

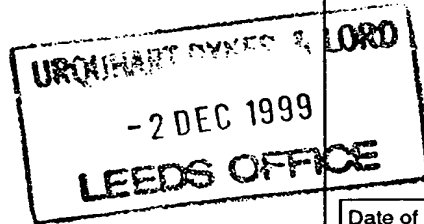
**COMUS
ENTERED**

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

To:

WHARTON, P.
Urquhart-Dykes & Lord
Tower House
Merrion Way
Leeds LS2 8PA
GRANDE BRETAGNE



NOTIFICATION OF TRANSMITTAL OF
THE INTERNATIONAL PRELIMINARY
EXAMINATION REPORT
(PCT Rule 71.1)

Date of mailing
(day/month/year)

3 0. 11. 99

Applicant's or agent's file reference
PRW/P54287WO

IMPORTANT NOTIFICATION

International application No.
PCT/GB98/02812

International filing date (day/month/year)
16/09/1998

Priority date (day/month/year)
24/09/1997

Applicant

S D INVESTMENTS LIMITED et al.

1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.

4. REMINDER

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices) (Article 39(1)) (see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

Name and mailing address of the IPEA/

 European Patent Office
D-80298 Munich
Tel. +49 89 2399 - 0 Tx: 523656 epmu d
Fax: +49 89 2399 - 4465

Authorized officer

Lindquist, P

Tel. +49 89 2399-2324



PATENT COOPERATION TREATY

PCT

17

REC'D 02 DEC 1999

WIPO PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference PRW/P54287WO	See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416) FOR FURTHER ACTION	
International application No. PCT/GB98/02812	International filing date (day/month/year) 16/09/1998	Priority date (day/month/year) 24/09/1997
International Patent Classification (IPC) or national classification and IPC E06B3/62		
Applicant S D INVESTMENTS LIMITED et al.		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.

2. This REPORT consists of a total of 5 sheets, including this cover sheet.

☐ This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of sheets.

3. This report contains indications relating to the following items:

- I ☒ Basis of the report
- II ☐ Priority
- III ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☒ Certain defects in the international application
- VIII ☐ Certain observations on the international application

Date of submission of the demand 25/03/1999	Date of completion of this report <div style="text-align: right; font-size: 1.2em;">30.11.99</div>
Name and mailing address of the international preliminary examining authority: <div style="display: flex; align-items: center;"> <div> European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465 </div> </div>	Authorized officer Friedrich, A Telephone No. +49 89 2399 2869



**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

International application No. PCT/GB98/02812

I. Basis of the report

1. This report has been drawn on the basis of (*substitute sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to the report since they do not contain amendments.*):

Description, pages:

1-4 as originally filed

Claims, No.:

1-8 as originally filed

Drawings, sheets:

1/4-4/4 as originally filed

2. The amendments have resulted in the cancellation of:

- ☐ the description, pages:
☐ the claims, Nos.:
☐ the drawings, sheets:

3. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)):

4. Additional observations, if necessary:

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/GB98/02812

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Yes:	Claims	
	No:	Claims	1, 4, 5, 8
Inventive step (IS)	Yes:	Claims	7
	No:	Claims	2, 3, 6
Industrial applicability (IA)	Yes:	Claims	1-8
	No:	Claims	

2. Citations and explanations

see separate sheet

VII. Certain defects in the international application

The following defects in the form or contents of the international application have been noted:

see separate sheet

Re Item V

Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Reference is made to the following documents:

D1: US-A-5 069 849
D2: FR-A-2 259 972
2. The document D1 is regarded as being the closest prior art to the subject-matter of claim 1, and shows (the references in parentheses applying to this document): a method of forming a joint between two plastics extrusions which comprises mitring the extrusions so that they form the desired angle to one another, removing part of the rear face of each extrusion, placing the mitred extrusions in a mould (10, 12) and injecting a resin material whereby to bond the extrusions to one another and produce the desired joint configuration (see column 5 line 32 - column 8, line 19).
Therefore, the subject-matter of independent claim 1 does not hence not differ from that of the nearest prior art.
3. Dependent claims 4, 5 and 8 do not contain any features which, in combination with the features of any claim to which they refer, meet the requirements of the PCT in respect of novelty, because their subject-matter is already known from D1 (see column 5 line 32 - column 8, line 19).
4. The features of dependent claim 6 have already been employed for the same purpose in a similar method, see document D2, page 3, line 35 to page 4, line 23. It would therefore be obvious to the person skilled in the art, to apply these features with corresponding effect to a method according to document D1, thereby arriving at a method according to this claim.

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT - SEPARATE SHEET**

International application No. PCT/GB98/02812

5. In claims 2 and 3 slight constructional changes in the method of claim 1 is defined which comes within the scope of the customary practice followed by persons skilled in the art, especially as the advantages thus achieved can readily be foreseen. Consequently, the subject-matter of claims 2 and 3 also lacks an inventive step.

Re Item VII

Certain defects in the international application

6. Contrary to the requirements of Rule 5.1(a)(ii) PCT, the relevant background art disclosed in the documents D1 and D2 is not mentioned in the description, nor are these documents identified therein.
7. The features of the all claims are not provided with reference signs placed in parentheses (Rule 6.2(b) PCT).